

Atty. Dkt. No. 039386-2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

YUE et al.

Title:

HUMAN TRANSMEMBRANE

PROTEINS

Appl. No.:

09/937,059

Filing Date: 05/28/2002

Examiner:

S. Weigert

Art Unit:

1647

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date Deenle 29

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Michele M. Simkin Attorney for Applicants

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By Michael Molh

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Substitute for form 1449B/PTØ Complete if Known INFORMATION DISCLOSURE DEC 2 9 2005 **Application Number** 09/937,059 STATEMENT BY APPLICANS វី)/ing Date 05/28/2002 First Named Inventor Henry Yue Group Art Unit 1647 (use as many sheets as necessary) **Examiner Name** S. Wegert Sheet of Attorney Docket Number 039386-2008

Examiner Initials*		U.S. Patent	Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Cite No. ¹	Number	Kind Code ² (if known)			
	A1	5,837,458		MINSHULL ET AL.	11/17/1998	
	A2	5,474,796		BRENNAN	12/12/1995	
	А3	5,605,662		HELLER ET AL.	02/25/1997	
						

				F	DREIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No. ¹	F Office	oreign Patent [Document Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A4	wo	84/03564	A1	COMMONWEALTH SERUM LABORATORIES COMMISSION	09/13/1984	:	
	A5	wo	95/25116	A1	CALIFORNIA INSTITUTE OF TECHNOLOGY	09/21/1995		
	A6	WO	95/35505	A1	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	12/28/1995		

		NON PATENT LITERATURE DOCUMENTS	
1 1	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A7	ALTSCHUL ET AL., (1990), <i>J. Mol. Biol.,</i> 215:403-410.	
	A8	ARAP ET AL., (1998), <i>Science</i> , 279:377-380.	
	A9	AUSUBEL, (1997), Short Protocols in Molecular Biology, John Wiley & Sons, New York, NY, unit 7.7.	
	A10	AUSUBEL ET AL., (1995), Current Protocols in Molecular Biology, John Wiley & Sons, New York, NY, Ch. 9, 13 and 16.	

Examiner Signature	1	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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7	Substitute for form	1449B/	PTO	Complete if Known		
	INFORMATION DI	SCLO	SURE	Application Number	09/937,059	
	STATEMENT BY	APPLI	CANT	Filing Date	05/28/2002	-
				First Named Inventor	Henry Yue	
				Group Art Unit	1647	
	(use as many sheets as necessary)			Examiner Name	S. Wegert	
Sheet	2	of	8	Attorney Docket Number	039386-2008	

		NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	No.1 Item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number publisher, city and/or country where published.						
	A11	BITTER ET AL., (1987), Methods Enzymol., 153:516-544.					
_	A12	BOLL ET AL., (1996), Proc. Natl. Acad. Sci. USA, 93:284-289.					
	A13	BOLTON ET AL., (1973), <i>Biochem. J.</i> , 133:529-539.					
	A14	BROGLIE ET AL., (1984), <i>Science</i> , 224:838-843.					
	A15	BURTON, (1991), Proc. Natl. Acad. Sci., USA, 88:10134-10137.	-				
	A16	CARUTHERS ET AL., (1980), Nucleic Acids Symp. Ser., 7:215-223.					
	A17	CHANG ET AL., (1999), Nat. Biotechnol., 17:793-797.	1				
	A18	CHIEZ ET AL., (1990), <i>Methods Enzymol.,</i> 182:392-421.					
	A19	CHRISTIANS ET AL., (1999), <i>Nat. Biotechnol.,</i> 17:259-264.					
··· <u></u>	A20	COLE ET AL., (1984), Mol. Cell Biol., 62:109-120.					
	A21	COLBERE-GARAPIN ET AL., (1981), <i>J. Mol. Biol.</i> , 150:1-14.					
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<u> </u>	A23	COTE ET AL., (1983), <i>Proc. Natl. Acad. Sci. USA</i> , 80:2026-2030.					
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Examiner Signature		Date Considered	

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	A25	DE LA FUENTE ET AL., (1997), <i>Blood</i> , 90:2398-2405.`					
	A26	DUPLAA ET AL., (1993), <i>Anal. Biochem.</i> , 212:229-236.					
	A27	EDDY, (1996), Curr. Opin. Struct. Biol., 6:361-365.					
	A28	ELOMAA ET AL., (1995), <i>Cell</i> , 80:603-609.	<u> </u>				
	A29	ENGLHARD ET AL., (1994), <i>Proc. Natl. Acad. Sci. USA</i> , 91:3224-3227.					
	A30	FIELDS ET AL., (1989), <i>Nature</i> , 340:245-246.					
	A31	GARTNER ET AL., (1991), <i>Pediatr. Res.</i> , 29:141-146.					
	A32	GATTI ET AL., (1988), <i>Nature</i> , 336:577-580.					
	A33	GENE ET AL., (1994), in Huber et al., <i>Molecular and Immunologic Approaches</i> , Futura Publishing, Mt. Kisco, NY, pp. 163-177.					
	A34	GOLDMAN ET AL., (1997), Nat. Biotchnol., 15:462-466.					
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	A36	HARRINGTON ET AL., (1997), <i>Nat. Genet.</i> , 15:345-355.					
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	A38	HARTMAN ET AL., (1988), <i>Proc. Natl. Acad. Sci. USA</i> , 85:8047-8051.	-				

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Signature	Considered	

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		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	No.1 No.1 No.1 No.1 No.1 No.1 No.1 No.1					
	A39	HELLER ET AL., (1997), Proc. Natl. Acad. Sci. USA, 94:2150-2155.	8			
	A40	HEWISH ET AL., (1973), Biochem. Biophys. Res. Comm., 52:504-510.				
	A41	HIGGINS, (1992), Annu. Rev. Cell Biol., 8:67-113.				
	A42	HORN ET AL., (1980), Nucleic Acids Symp. Ser., 7:225-232.				
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	A44	JANKOWSKI, (1994), <i>Oncogene</i> , 9:1205-1211.				
	A45	IKEYAMA ET AL., (1993), <i>J. Exp. Med.,</i> 177:1231-1237.				
	A46	KIMMEL, (1987), Methods Enzymol., 152:507-511.				
	A47	KOHLER ET AL., (1975), Nature, 256:495-497.				
	A48	KOZBAR ET AL., (1985), J. Immunol. Methods, 81:31-42.				
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	A50	LEVY-LAHAD ET AL., (1995), <i>Science</i> , 269:973-977.				
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	A52	LOGAN ET AL., (1984), <i>Proc. Natl. Acad. Sci. USA</i> , 81:3655-3659.				

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	A53	LOWY ET AL., (1980), Cell, 22:817-823.	
	A54	MARUSINA ET AL., (1996), Curr. Opin. Hematol., 3:19-26.	
	A55	MATSUMOTO ET AL., (1990), <i>Proc. Natl. Acad. Sci. USA</i> , 87:9133-9137.	
	A56	MATHER ET AL., (1997), <i>Proc. Soc. Exp. Biol. Med.</i> , 215:209-222.	
	A57	MAYER ET AL., (1996), <i>Adv. Exp. Med. Biol.,</i> 389:261-269.	
	A58	MCCONKEY ET AL., (1989), <i>J. Immunol.,</i> 143:1801-1806.	
	A59	MCCONKEY ET AL., (1989), Arch. Biochem. Biophys., 269:365-370.	
	A60	MCKAY ET AL., eds., (1993), <i>Growth Factors: A Practical Approach</i> , Oxford University Press, New York, NY, p. 73.	
	A61	MELBY ET AL., (1993), J. Immunol. Methods, 159:235-244.	
	A62	MELLMAN ET AL., (1986), Ann. Rev. Biochem., 55:663-700.	
	A63	MIYAKE ET AL., (1991), <i>J. Exp. Med.,</i> 174:1347-1354.	
	A64	MORRISSON ET AL., (1984), <i>Proc. Natl. Acad. Sci. USA</i> , 81:6851-6855.	
	A65	MOSER ET AL., (1996), Ann. NY Acad. Sci., 804:427-441.	-
	A66	MUNRO, (1986), Cell, 46:291-300.	

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		NON PATENT LITERATURE DOCUMENTS	
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	A67	NEUBERGER ET AL., (1984), <i>Nature</i> , 312:604-608.	
	A68	ORLANDI ET AL., (1989), <i>Proc. Natl. Acad. Sci. USA</i> , 86:3833-3837.	
	A69	OSHIMI ET AL., (1995), <i>J. Immunol.</i> , 154:599-609.	-
	A70	PARKER ET AL., (1991), <i>Nucleic Acids Res.</i> , 19:3055-3060.	
	A71	PATHAK, (1988), <i>J. Cell Biol.,</i> 106:1831-1841.	
	A72	PETRAGLIA, (1997), <i>Placenta,</i> 18:3-8.	
	A73	PRICE, (1993), <i>Blood Rev.,</i> 7:127-134.	
	A74	RAO, (1994), <i>Anal. Biochem.</i> , 216:1-14.	
	A75	RHODES, (1995), <i>Methods Mol. Biol.,</i> 55:121-131.	
	A76	ROTHMAN ET AL., (1996), <i>Science</i> , 272:227-234.	
	A77	SAMBROOK ET AL., (1989), <i>Molecular Cloning, A Laboratory Manual</i> , Cold Spring Harbor Press, Plainview, NY, ch. 4, 8, and 16-17.	
	A78	SANDIG ET AL., (1996), <i>Hum. Gene Ther.,</i> 7:1937-1945.	
	A79	SARKAR, (1993), <i>PCR Methods Applic.</i> , 2:318-322.	
	A80	SCHARF ET AL., (1994), Results Probl. Cell Differ., 20:125-162.	+

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	A81	SCHENA ET AL., (1996), <i>Proc. Natl. Acad. Sci. USA</i> , 93:10614-10619.	
	A82	SCHENA ET AL., (1995), Science, 270:467-470.	
	A83	SCORER ET AL., (1994), Bio/Technology, 12:181-184.	<u> </u>
-	A84	SHALON ET AL., (1996), <i>Genome Res.</i> , 6:639-645.	
	A85	SINGER, (1990), <i>Annu. Rev. Cell Biol.</i> , 6:247-96.	
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	A88	TRASK, (1991), <i>Trends Genet.</i> , 7:149-154.	
	A89	TRIGLIA ET AL., (1988), Nucleic Acids Res., 16:8186.	
	A90	VAN HEEKE ET AL., (1989), <i>J. Biol. Chem., 264:5503-5509.</i>	
	A91	VIGNAUX ET AL., (1995), <i>J. Exp. Med.,</i> 181:781-786.	
	A92	WAHL ET AL., (1987), <i>Methods Enzymol.</i> , 152:399-407.	
	A93	WATERMAN ET AL., (1997), <i>BioEssays</i> , 19:57-66.	
	A94	WATSON ET AL., (1994), <i>The G-protein Linked Receptor Facts Book</i> , Academic Press, San Diego, CA, pp. 2-6.	

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_	A95	WIGLER ET AL., (1977), Cell, 11:223-232.	
	A96	WINTER ET AL., (1991), <i>Nature</i> , 349:293-299.	
	A97	WRIGHT ET AL., (1994), <i>Immunol. Today,</i> 15:588.	
	A98	The McGraw Hill Yearbook of Science and Technology, (1992), McGraw Hill, New York, NY, pp. 191-196.	.=

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